SONY

3-757-281-21 (1)

CD Radio Cassette-Corder

CFD-560

Operating Instructions

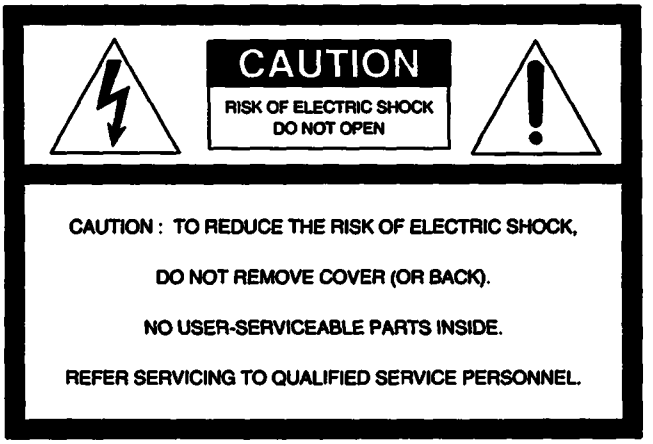
COMPACT disc DIGITAL AUDIO

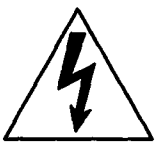
MEGA BASS

© 1993 by Sony Corporation

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CAUTION

The use of optical instruments with this product will increase eye hazard.

For customers in Canada

To prevent electric shock, do not use this polarized AC plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

Information

For customers in the United States

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Owner's Record

The model and serial numbers are located on the rear of the CD radio cassette-corder. Record the serial number in the space provided below. Refer to them whenever you call your Sony dealer regarding this product.

Model No. CFD-560 Serial No. _____

Table of Contents

Precautions *3*

Setting Up

Looking at the Controls *4*
Connecting the Speakers *7*
Choosing Power Sources *7*
Adjusting the Sound *8*

Operations

Listening to the Radio *9*
Playing a CD (normal play) *10*
Playing Specific Tracks *11*
Playing the Beginning of Each Track (intro scan) *12*
Playing Tracks Repeatedly *12*
Playing Tracks in the Desired Order (program play) *13*
Playing a Tape *14*
Recording *15*
Recording From Another Tape (dubbing) *16*
Setting Up a P-A System *17*

For Your Information

Maintenance *18*
Specifications *19*
Troubleshooting Guide *Back cover*

Precautions

On safety

- As the laser beam used in the CD player section is harmful to the eyes, do not attempt to disassemble the casing. Refer servicing to qualified personnel only.
- Should any solid object or liquid fall into the player, unplug the player, and have it checked by qualified personnel before operating it any further.

On power sources

- For AC operation, use the supplied AC power cord; do not use any other type.
- For battery operation, use eight size D (R20) batteries.
- Unplug the player from the wall outlet when it is not to be used for an extended period of time.
- When the operational batteries are not to be used, remove them to avoid damage that can be caused by battery leakage or corrosion.
- The nameplate indicating operating voltage, power consumption, etc. is located at the rear.

On placement

- Do not leave the player in a location near heat sources, or in a place subject to direct sunlight, excessive dust or mechanical shock.

On operation

- If the player is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens inside the CD player section. Should this occur, the player will not operate properly. In this case, remove the CD and wait about an hour for the moisture to evaporate.
- If the player has not been used for a long time, set it in the playback mode to warm it up for a few minutes before inserting a CD or cassette.

Note on using a cassette with more than 90 minutes of play time

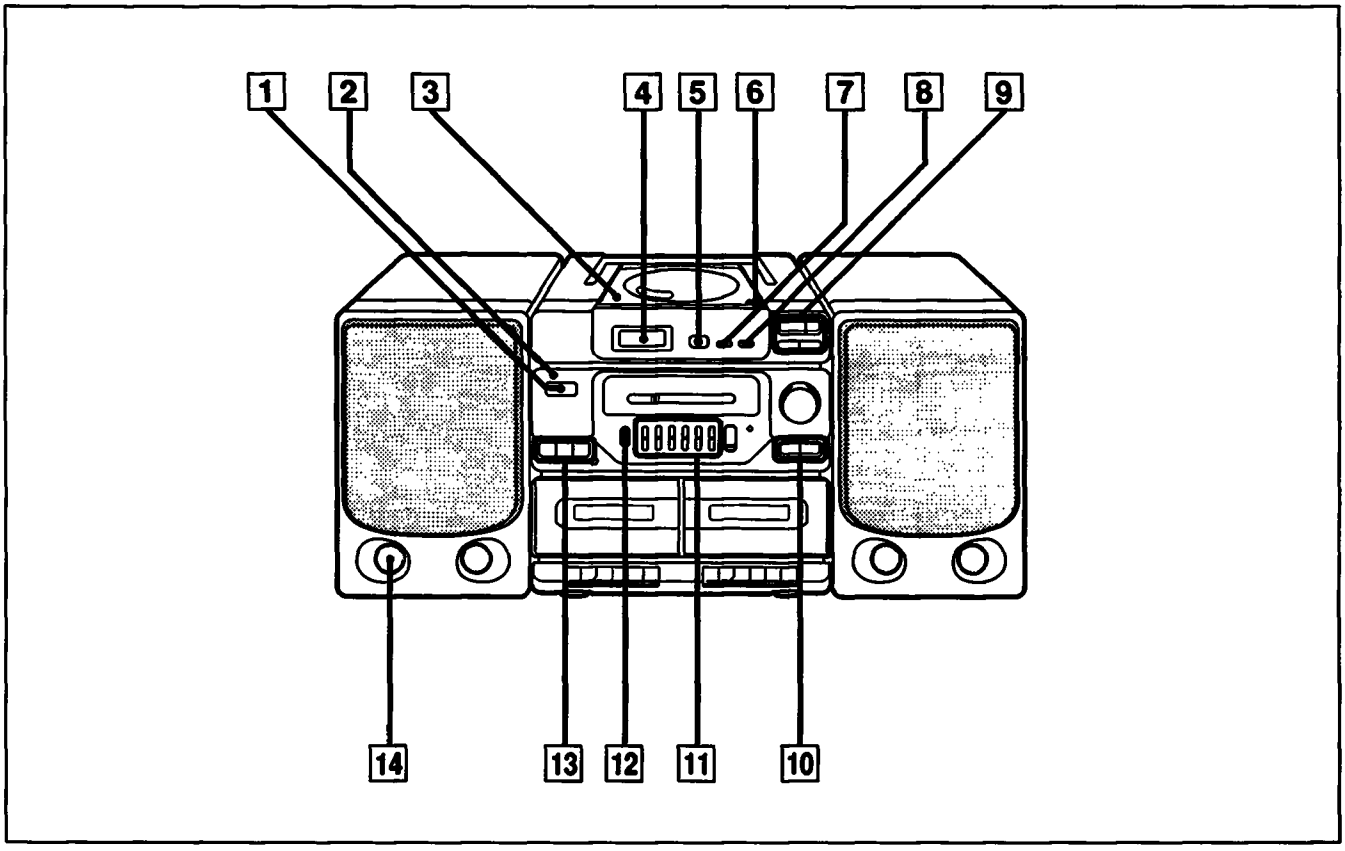
The use of a cassette with more than 90 minutes of play time is not recommended except for long, continuous recording or playback.

If you have any questions or problems concerning your player, please consult your nearest Sony dealer.

Looking at the Controls

See pages in ( ) for more details.

CD Player



1 POWER switch

2 OPR/BATT (operation/battery) indicator

3 Disc compartment

4 Display window

5 Remote sensor

6 ⏏ (open) button

7 PLAY MODE button *(12, 13)*

8 DISPLAY/ENTER button *(12)*

9 CD operation buttons
- ▷II (play/pause)
- □ (stop)
- I◀◀/▶▶I AMS*/SEARCH

*AMS Automatic Music Sensor

10 VOLUME buttons

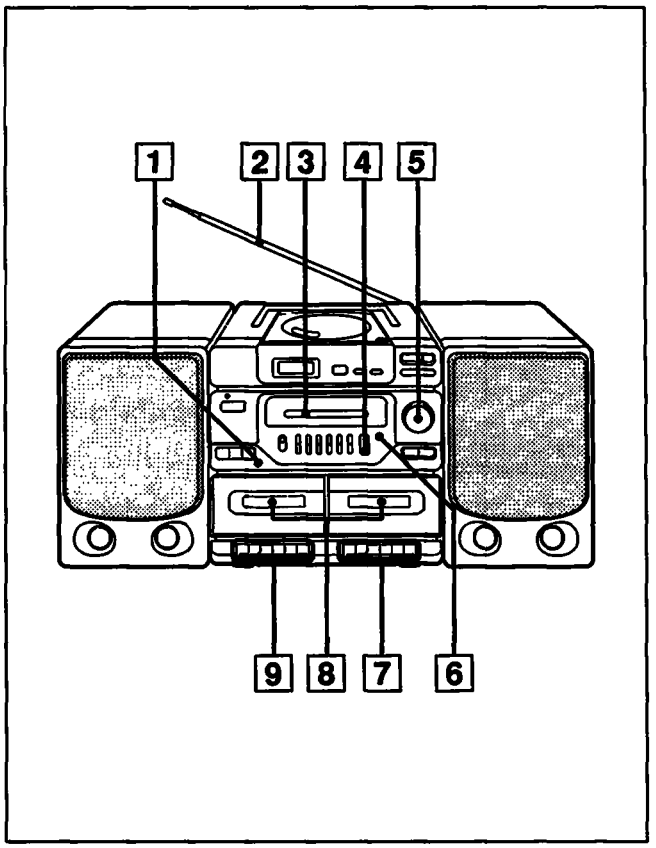
11 MEGA BASS
GRAPHIC EQUALIZER

12 PHONES (headphones) jack (stereo mini-jack)

13 FUNCTION buttons and indicators
- TAPE: for playing or dubbing a tape
- RADIO: for playing or recording a radio program
- CD: for playing or recording a CD

14 Duct
Reproduces bass sound.

Radio and Tape Player



1 DUBBING button and indicator

2 Telescopic antenna *(9)*

3 Dial scale and pointer

4 BAND selector *(9)*

5 TUNING control *(9)*

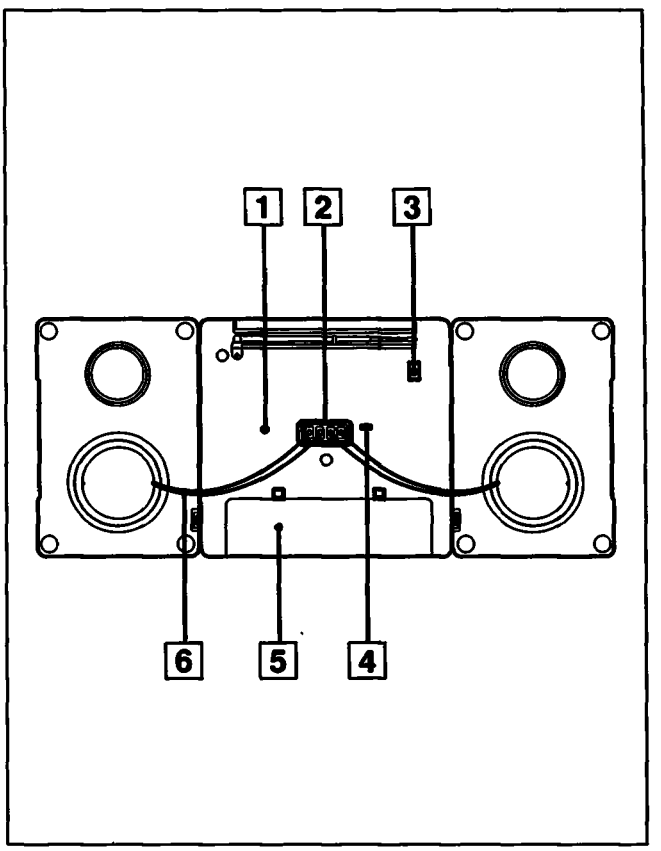
6 FM ST (stereo) indicator

7 Tape operation buttons for deck B

8 Cassette compartments

9 Tape operation buttons for deck A

Rear Panel



1 MIX MIC (mixing microphone) jack (mini-jack) *(17)*

2 SPEAKER OUTPUT terminals

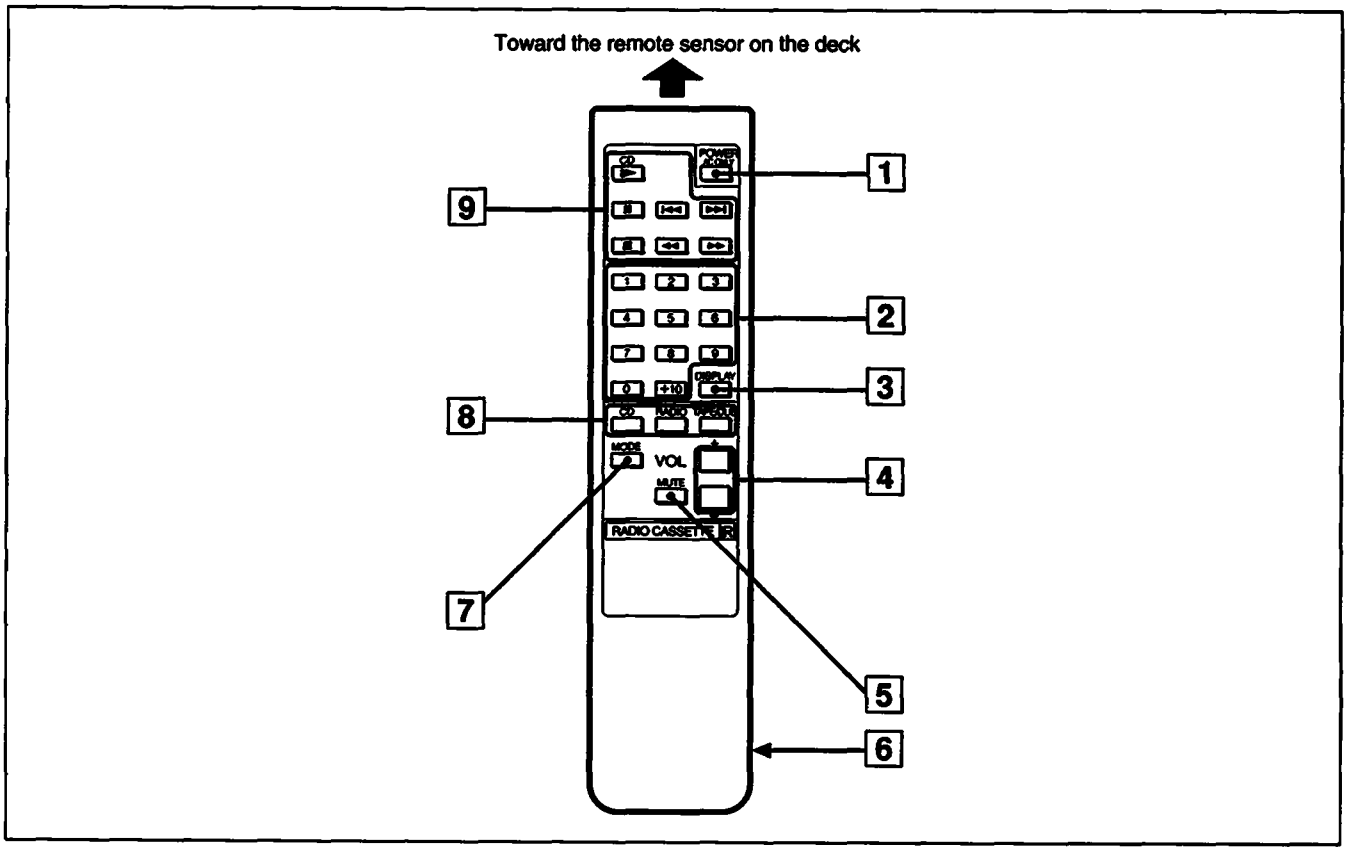
3 AC IN (AC power input) socket
Connect to the AC power outlet.

4 ISS (interference suppress switch) *(9, 15)*

5 Battery compartment *(7)*

6 Speaker wires

Remote Commander



Controls on the remote commander with the same name as those on the deck have the same function. Some controls such as the number buttons are located only on the remote commander.

1 POWER switch
When you operate the player on batteries, you cannot turn on the power with the remote commander.

2 Number buttons *(13)*

3 DISPLAY button

4 VOL (volume) buttons

5 MUTE button

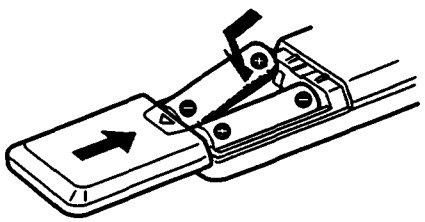
6 Battery compartment

7 MODE button

8 FUNCTION buttons
CD: for playing or recording a CD
RADIO: for playing or recording a radio program
TAPE/DUB: for playing or dubbing a tape

9 CD operation buttons
▶ (play)
II (pause)
I◀◀/▶▶I (AMS)
■ (stop)
◀◀ (search)
▶▶ (search)

Installing batteries
Insert two size AA (R6) batteries (not supplied) into the battery compartment.

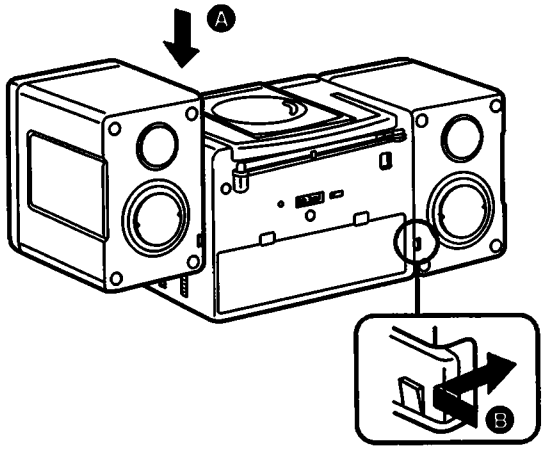


To avoid malfunction, keep the commander away from direct sunlight or strong illumination.

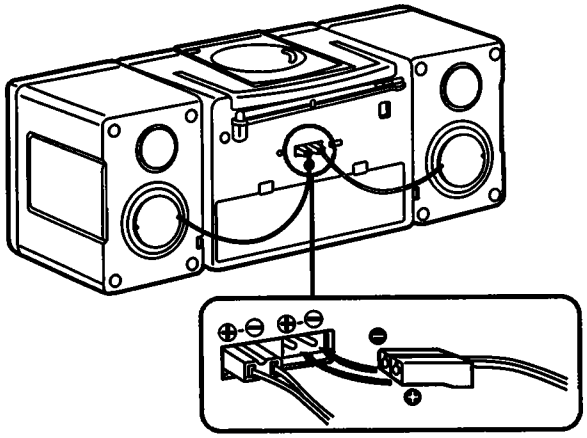
Connecting the Speakers

For easy transport, the dual speakers are detachable. Before you begin listening to music, attach the speaker boxes and connect the speaker plugs as shown below. Make sure you turn off the power before making any connections.

1 Align the grooves and slide the speaker box down until it snaps into place. Ⓐ



2 Connect the right speaker plug to the RIGHT connectors and the left speaker plug to the LEFT connectors.



To detach the speakers

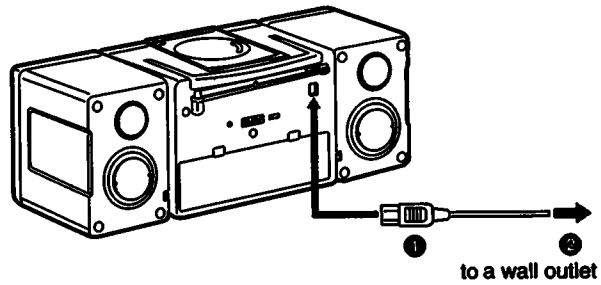
Unlock the speaker Ⓑ and slide the speaker box all the way up and away from the player.

Choosing Power Sources

The CD cassette-corder has two separate power sources. Use the AC power source (house current) whenever you record because recording consumes the most power. Use eight size D (R20) batteries when the CD cassette-corder becomes a portable.

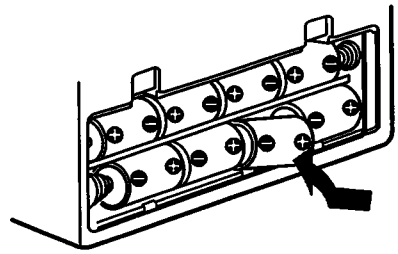
Operating the player on AC power

Insert one end of the supplied power cord to the AC IN socket located at the rear of the player ❶ and the other end to the wall outlet ❷.



Operating the player on batteries

To play your CD cassette-corder on batteries, the AC power cord must be disconnected from the player. Unplug the player and insert eight size D (R20) batteries (not supplied) in the compartment.



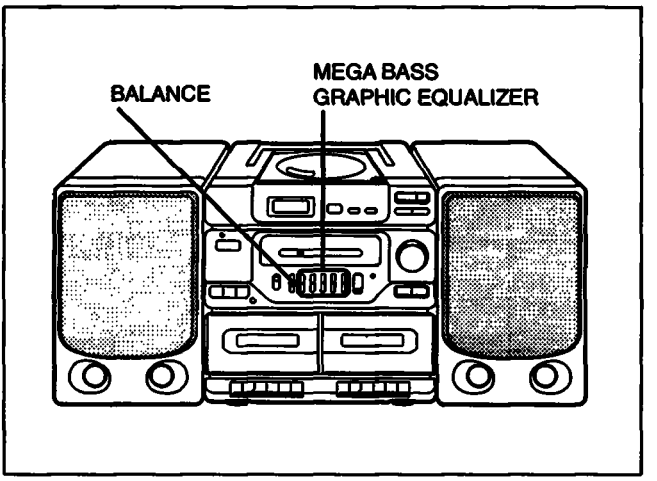
When to replace the batteries

Replace the batteries when the OPR/BATT indicator dims or when the player stops operating.

When the batteries are weak, replace all the batteries with new ones.

Adjusting the Sound

When playing CDs, tapes, or radio programs, use the MEGA BASS/GRAPHIC EQUALIZER controls to equalize the reproduced sound. You can also adjust the balance of the left and right output levels.



To equalize the reproduced sound

Adjust the MEGA BASS/GRAPHIC EQUALIZER controls.

Frequency coverage	Slide the control toward +10	Slide the control toward -10
MEGA BASS 100 Hz	to increase heavy bass sounds	to decrease heavy bass sounds
400 Hz	to emphasize speaking voice, middle frequencies of instrumental music	to de-emphasize speaking voice, middle frequencies of instrumental music
1 kHz	to provide more presence of vocals	to provide less presence of vocals
4 kHz	to heighten overall brightness of sound	to lessen overall brightness of sound
10 kHz	to increase high treble sounds	to decrease high treble sounds or reduce high frequency noise/tape hiss

To adjust the balance

Adjust the BALANCE control.

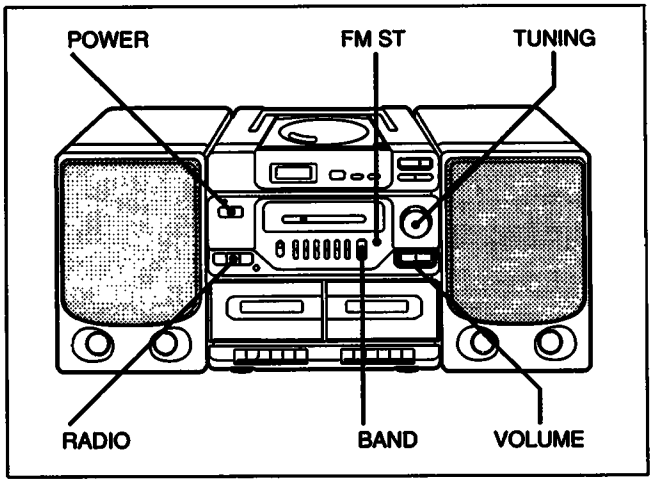
Use to adjust stereo imaging, especially when speakers are not symmetrically placed.

To mute the sound

Press MUTE on the remote commander to extinguish the sound instantly; press again to resume sound. During mute, the volume indication in the display window flashes.

Listening to the Radio

Whenever you want to listen to the radio, press the RADIO button.

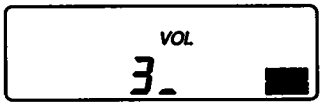


1 Turn on the power and press RADIO.

2 Set BAND to FM or AM.

3 Turn TUNING to tune in a radio station.
When the radio tunes to an FM stereo broadcast, FM ST indicator lights up.
If the received FM stereo is too weak, the reception becomes monaural, and the FM ST indicator will go off.

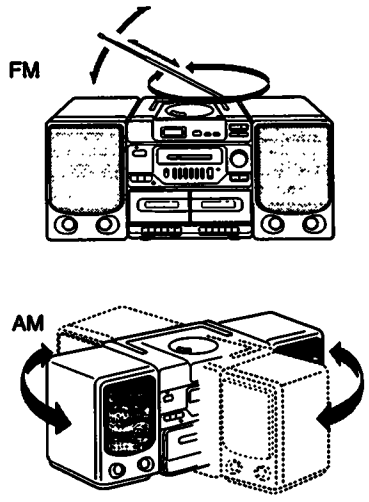
4 Press VOLUME to adjust the volume, and adjust the audio emphasis (see *Adjusting the Sound* on page 8).



To turn off the radio
Press POWER.

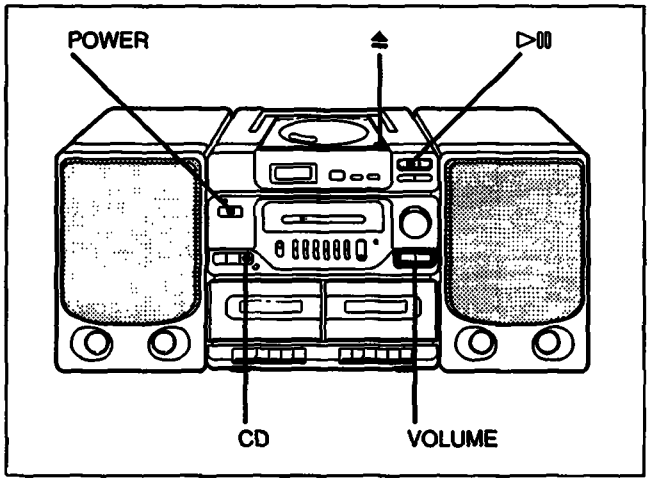
To reduce whistling noise
If the radio makes a whistling noise, set the ISS (Interference Supress Switch) at the rear of the player to the position which most decreases the noise. Normally it is set to "2".

To improve broadcast reception
Reorient the antenna (for FM) or the player itself (for AM).



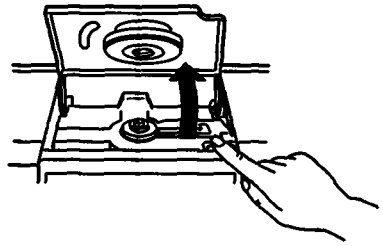
Playing a CD (normal play)

You can operate the CD cassette-corder from the deck or with the supplied remote commander. Also, you can play 12 cm (5 inch) and 8 cm (3 inch) CDs without an adaptor.

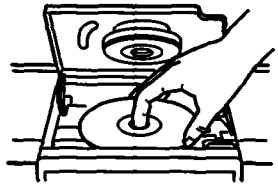


1 Turn on the power and press CD.
If there is no disc in the compartment "00" appears in the display window.

2 Press ⏏ (open) to open the disc compartment.



3 Holding the CD by the edge, place the CD in the disc compartment with the label side up.



4 Close the compartment lid.
The number of tracks on the disc and the total playing time appear in the display window.

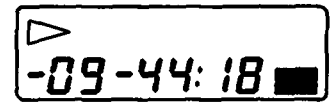
5 Press ▷II (play/pause).
The CD player will play all the tracks once. The track number and playing time appear in the display window.

Between tracks, the remaining time before the next track is displayed.

6 Adjust the volume and sound emphasis (See *Adjusting the Sound* on page 8).
(Be careful not to turn up the volume excessively while listening to a portion with very low audio input. If you do, the speakers may be damaged when a peak level plays.)

To	Press	
	Remote	Deck
Stop play	■	□
Pause	II	▷II
Resume play after pause	II	▷II
Remove the CD	—	First □, then ⏏
Turn off the power	POWER	POWER

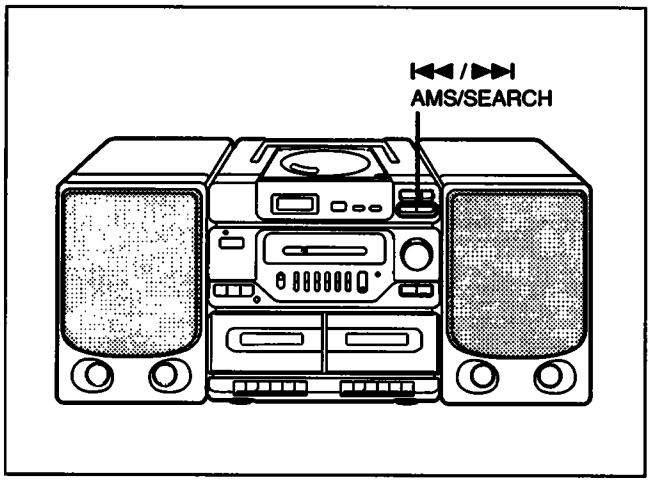
To check the remaining time
Press DISPLAY/ENTER during playing. The remaining time on the CD and the number of tracks left will be displayed.



To display the track number and playing time, press DISPLAY/ENTER again.

Playing Specific Tracks

You can find the beginning of a track or a point in a track while the player is playing or paused. Find a particular track by specifying the track number.



To find the beginning of a track

To find	Press*
the beginning of the current track	I◄◄ once
the beginning of the previous tracks	I◄◄ repeatedly
the beginning of the next track	►►I once
the beginning of the succeeding tracks	►►I repeatedly

* If one of the following indications is displayed, press the □ (STOP) button to clear the indication: INTRO, REP 1, REP ALL, SHUF REP, PGM REP MEM, PGM MEM.

To find a point in a track

To Search	Press down	
	Remote	Deck
by listening for the point you want to hear	◄◄ or ►► in play mode	I◄◄ or ►►I in play mode
by observing the time counter	◄◄ or ►► in pause mode	I◄◄ or ►►I in pause mode

To listen to a specific track

Press the number buttons on the remote commander for the track you want to hear. Play starts immediately. To play tracks with numbers equal to or greater than 10, press +10 first, then the number buttons 1 to 0. (*See the examples below.*)

Example:
To play from the 10th selection

Press [+10] → [0]

Display 1- 10

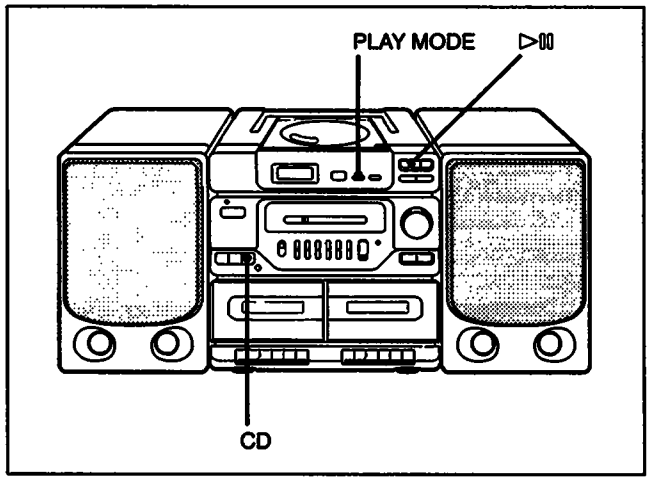
To play from the 33rd selection

Press [+10] → [+10] → [+10] → [3]

Display 1- 2- 3- 33

Playing the Beginning of Each Track (intro scan)

You can sample the first 10 seconds of each track on a CD.



1 Press CD.

2 Press PLAY MODE once to display "INTRO" while the player is stopped.

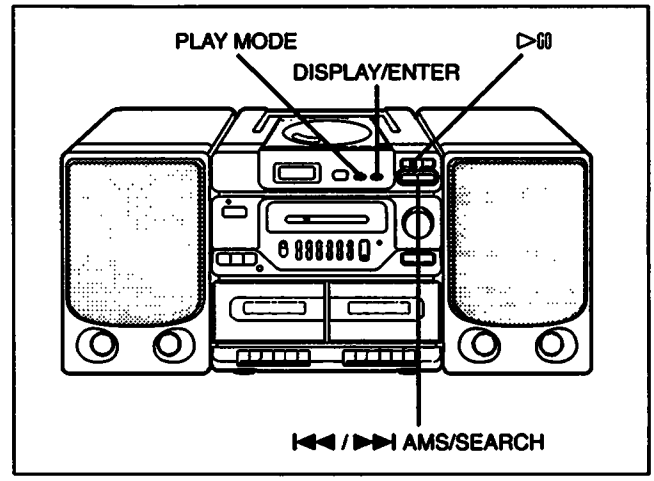
3 Press ▷II (play/pause).
The first track plays for ten seconds. The player then skips to the next track to be played.

To start playing a track
Press I◀◀.

To cancel intro scan
Press any button for CD operation except DISPLAY/ENTER and ▷II (play/pause).

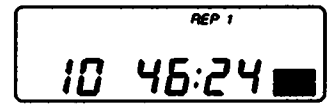
Playing Tracks Repeatedly

You can play tracks repeatedly in normal, shuffle or program play *(page 13)* modes. In shuffle play, the tracks play in a different order each time. Repeat only one track or all the tracks.



Repeating a single track

1 Press PLAY MODE until "REP. 1" appears in the display window.



2 Choose the track you would like repeated with I◀◀/▶▶I AMS/SEARCH.

3 Press ▷II (play/pause).
The track selected plays repeatedly.

Repeating all the tracks

1 Press PLAY MODE until "REP ALL" appears in the display window.

2 Press ▷II (play/pause).
The player begins playing at the first track. When all the tracks have played once, the player starts playing from the first track again.

Repeating tracks in random order

1 Press PLAY MODE until "SHUF REP" appears in the display window.

2 Press ▷II (play/pause).
The player plays all the tracks repeatedly in different orders.

Note
When you press I◀◀, the CD returns to the beginning of the current track only.

Repeating programmed tracks

1 Press PLAY MODE until "PGM REP MEM" appears in the display window.

2 Choose a track with I◀◀/▶▶I AMS/SEARCH.

3 Press DISPLAY/ENTER to store the track.

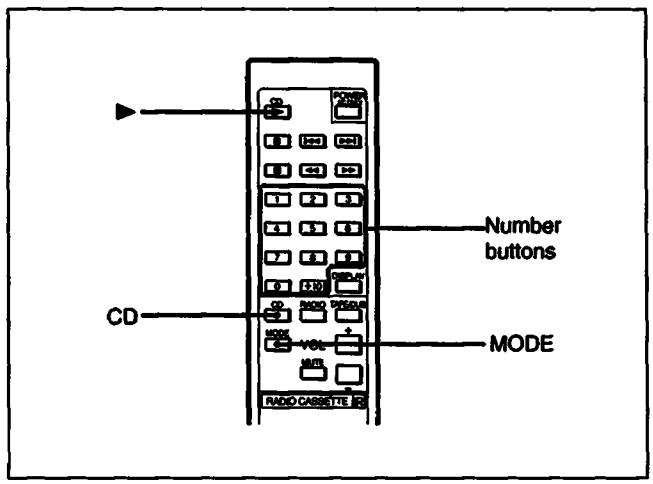
4 Repeat steps 2 and 3 to program tracks in the order you want them played.
Up to 16 tracks can be programmed.

5 Press ▷II (play/pause).
"MEM" disappears from the display window and play starts.

To	Press
Stop play	■
Cancel repeat play	PLAY MODE until no indication appears in the display window

Playing Tracks in the Desired Order (program play)

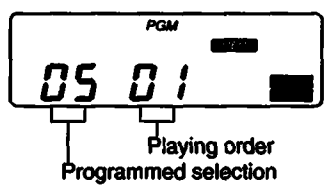
Program the CD cassette-corder to play tracks in any order you choose. You can also use the remote commander for this.



1 Press CD.

2 Press MODE until "PGM" appears in the display window.

3 Press the number buttons on the remote commander for the tracks you want played in the order you want them played.
Up to 16 tracks can be programmed.



If you make a mistake
Press DISPLAY/ENTER on the deck once and re-enter the track number.

4 Press ▶ (play).
The tracks play in the order programmed.

To	Press
Stop play	■
Cancel program play	MODE until no indication appears in the display window

Continued on next page.

Playing Tracks in the Desired Order (program play) (continued)

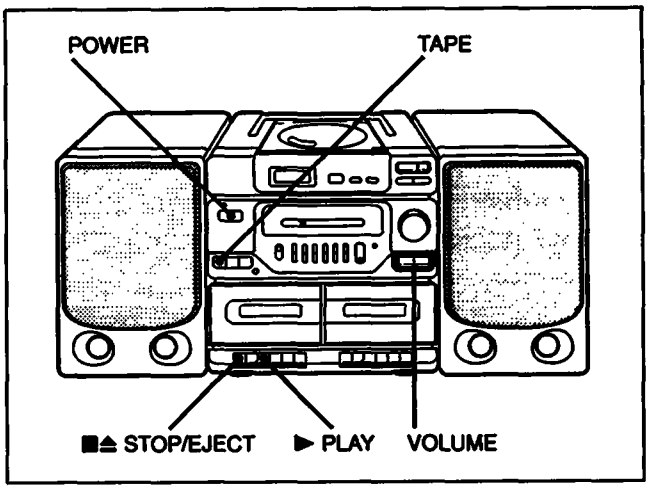
To check the order of programmed tracks
Press DISPLAY/ENTER on the deck. With each press, the selections appear in the programmed order.

To change the order of the tracks
To change the order of the tracks, you must erase the current program and create a new one.

To erase the current program
Press ■ STOP once or open the disc compartment if the CD is stopped. The current program will be erased.
Follow the steps in *Playing tracks in the Desired Order* to create a new program.

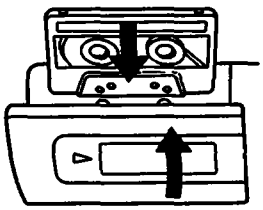
To program the tracks on the deck
Press I◄◄/►►I AMS/SEARCH to select the track you want to program, and then press DISPLAY/ENTER.
Repeat this procedure for up to 16 tracks.

Playing a Tape



1 Turn on the power and press TAPE.

2 Press ■⏏ STOP/EJECT to open the tape compartment. Insert a recorded tape with the side you want to play facing forward. Close the compartment.



3 Press ► PLAY to start playing.

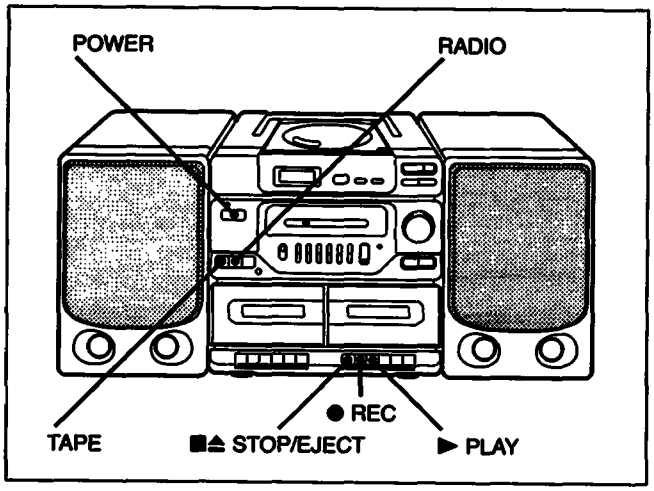
4 Adjust the volume and sound emphasis (See *Adjusting the Sound* on page 8).

To	Press
Stop play	■⏏ STOP/EJECT
Pause	II PAUSE
Resume play after pause	II PAUSE
Fast forward*	►► FF
Rewind*	◄◄ REW
Remove the cassette	■⏏ STOP/EJECT

* For the side facing forward.

Recording

Whenever you record, we recommend you operate the CD cassette-corder on house current instead of using batteries because recording consumes a lot of battery power. We recommend you use TYPE I (normal) tape (printed on the tape cassette).



1 Turn on the power and press RADIO or CD.

To record from	Do
the radio	Tune in the desired radio station.
a CD	Insert the CD.

2 Press ■⏏ STOP/EJECT and put a blank tape into deck B with the side you want to record on facing forward.

3 Press ● REC.
► PLAY will depress automatically and recording starts.

The recording level is adjusted automatically
Adjusting the volume or the sound will not affect the recording level. However, these controls will change the sound levels you hear through speakers or headphones.

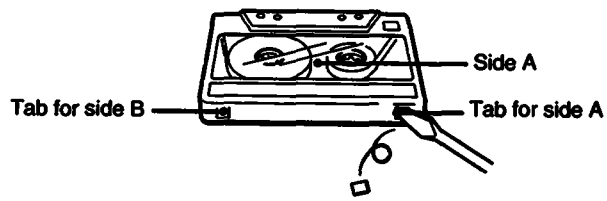
To reduce noise while AM recording
If the radio makes a whistling noise, set the ISS (Interference Suppress Switch) at the rear of the player to the position which most decreases the noise. Normally it is set to "2".

To stop recording
Press ■⏏ STOP/EJECT.

To record in PGM (program) mode
1 Press CD.
2 Select PGM play (See *Playing Tracks in the Desired Order (program play)* on page 13).
3 Press ● REC.
Disc playing and recording will automatically start.

Saving a tape permanently

To prevent a tape from being accidentally recorded over, break off the cassette tab from side A or B as illustrated. If you later want to reuse the tape for recording, cover the broken tab with adhesive tape.



To erase a recording

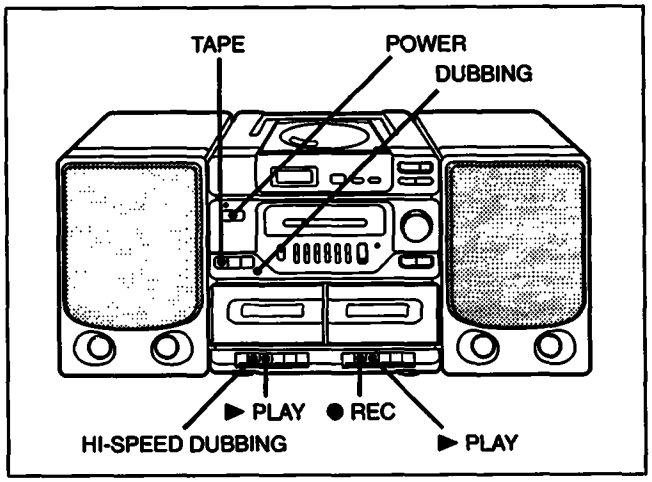
1 Disconnect the microphone if connected at the MIX MIC jack.

2 Press TAPE.

3 Press ● REC.

Recording From Another Tape (dubbing)

You can record from one tape to another. Use TYPE I (normal) tape for the best results.



1 Turn on the power and press TAPE.

2 Press DUBBING.

3 Insert a recorded tape into deck A with the side to be played facing forward.

4 Insert a blank tape into deck B with the side you want to record on facing forward.

5 Press ● REC on deck B.
► PLAY on deck B depresses automatically and deck B stands by for recording.

6 Select the recording speed. Choose one of two options:

To record at	Press
Normal speed	► PLAY on deck A
High speed	HI-SPEED DUBBING on deck A

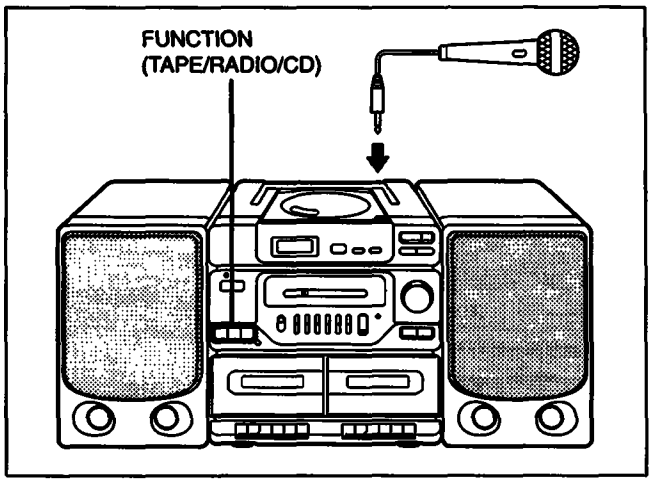
- If the tape in deck A finishes first, the ► PLAY button will pop up and deck B will stop. The ● REC and ► PLAY buttons on deck B will still be depressed. To release them, press the ■⏏ STOP/EJECT button on deck B.
- If the tape in deck B finishes first, the ● REC and ► PLAY buttons on deck B will pop up. Deck A will continue to play.

The recording level is adjusted automatically
Adjusting the volume or the sound will not affect the recording level. However, these controls will change the sound levels you hear through speakers or headphones.

To	Press
Stop recording	■⏏ STOP/EJECT on deck A, then B
Stop playing	■⏏ STOP/EJECT on deck A
Pause during play	❚❚ PAUSE on deck A
Pause during record	❚❚ PAUSE on deck B

Setting Up a P-A System

You can use the CD cassette-corder as a public address system. Also mix sounds by adding your voice or other audio through the microphone as you record. Use a monaural microphone with mini-plug (not supplied).



1 Plug the microphone into the MIX MIC jack and turn on the microphone .

2 Set FUNCTION to choose a sound source.

To	Press
Use the CD cassette-corder as a public address system	TAPE
Mix sound	TAPE, RADIO or CD

3 Sing or speak into the microphone and adjust the volume.

To record mixed sounds

Insert a tape (TYPE I) in deck B and press ●REC. The recording level is adjusted automatically.

Note on the microphone

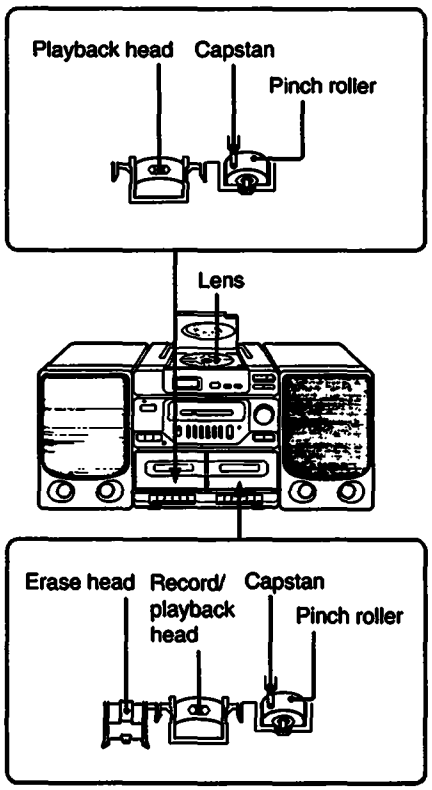
If acoustic feedback (howling) occurs, turn down the volume or move the microphone away from the speakers. We do not recommend you use a microphone that has an echo function.

Maintenance

Cleaning the lens
If the lens becomes dirty, it may cause a skipping of sound during CD operation. Clean with a commercially available blower.

Cleaning the tape heads and tape path
Contaminated heads cause poor recording or sound drop-out in playback. We recommend cleaning after every 10 hours of operation. To make the best possible recording, however, you should clean all surfaces over which tape travels before each recording.

Wipe the heads, the pinch rollers and the capstans with a cleaning swab slightly moistened with cleaning fluid or alcohol.



After cleaning the heads, rollers and the tape path, insert a tape when the areas cleaned are completely dry.

Demagnetizing the tape heads
After 20 to 30 hours of use, enough residual magnetism will have built up on the heads to begin to cause loss of high frequency sound and hiss. At this time, you should demagnetize the heads and all metal parts in the tape path with a commercially available tape head demagnetizer.

Cleaning the cabinet
Clean the cabinet, panel and controls with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent, such as alcohol or benzene.

Notes on Compact Discs
- Before playing, clean the CD with a cleaning cloth. Wipe the CD from the center out.

- Do not use solvents such as benzene, thinner, commercially available cleaners or anti-static spray intended for vinyl LPs.
- Do not expose the CD to direct sunlight or heat sources such as hot air ducts, nor leave it in a car parked in direct sunlight as there can be a considerable rise in temperature inside the car.
- After playing, store the CD in its case.

If there is a scratch, dirt or fingerprints on the CD, it may cause tracking error.

Specifications

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION

With 3.2-ohm loads, both channels driven from 150-15,000 Hz; rated 2 W per channel-minimum RMS power, with no more than 10 % total harmonic distortion in AC operation.

Other Specifications

CD player section

System	Compact disc digital audio system
Laser diode properties	Material: GaAlAs Wave length: 780 nm Emission duration: Continuous Laser output: Less than 44.6 µW (This output is the value measured at a distance of about 200 mm from the objective lens surface on the optical pick-up block.)
Spindle speed	200 r/min (rpm) to 500 r/min (rpm) (CLV)
Error correction	Sony Refined Super Strategy Cross Interleave Reed Solomon Code
Number of channels	2
Frequency response	20–20,000 Hz ± 1 dB
Wow and flutter	Below measurable limit

Radio section

Frequency range	FM: 87.6–108 MHz AM: Australian model 530–1,605 kHz Models for other countries 530–1,710 kHz
Antennas	FM: Telescopic antenna AM: Built-in ferrite bar antenna

Cassette-corder section

Recording system	4-track 2-channel stereo
Frequency response	TYPE I (normal) cassette: 40–10,000 Hz

General

Speaker	Woofer: 10 cm dia., 3.2 ohms cone type Tweeter: 2 cm
Inputs	Mixing microphone input jack (minijack): Sensitivity 2.45 mV For low impedance microphone
Outputs	Headphones jack (stereo minijack) For 8–32 ohms impedance headphones
Power output (excluding USA model)	4.3 W + 4.3 W (at 3.2 ohms, 10% harmonic in DC operation)
Power requirements	240 V AC, 50 Hz (Australian model) 120 V AC, 60 Hz (Other models) DC 12 V, 8 size D (R20) batteries
Power consumption	Canada model: AC 27 W Other models: AC 25 W
Battery life	For CD radio cassette-corder:

	FM recording	Tape playback	CD playback
Sony SUM-1 (NS)	approx. 11 h	approx. 6 h	approx. 4 h
Sony Alkaline AM1	approx. 16 h	approx. 10 h	approx. 6 h

Dimensions	Approx. 678 × 288.3 × 217 mm (w/h/d) (26¾ × 11⅜ × 8⅝ in.) incl. projecting parts
Mass	7.6 kg (16 lb 12 oz) (incl. batteries)
Supplied accessories	AC power cord (1) Remote commander (1)

Design and specifications subject to change without notice.

Optional accessories

Sony DYNAMIC MICROPHONE series
Sony MDR stereo headphone series

Troubleshooting Guide

	Symptom	Remedy
General	• The power does not come on.	• Connect the AC power cord securely. • Insert the batteries with the correct polarity, *p. 7.* • Replace the batteries with new ones if they are weak, *p. 7.*
	• There's no audio.	• Make sure the function button is pressed to the function you want to operate. • Adjust the volume. • Unplug the headphones when listening through speakers.
Radio	• The audio is weak or poor quality.	• Replace all the batteries with new ones if they are weak, *p. 7.* • Move the player away from the TV.
	• The picture of the TV is unstable.	• If you are listening to an FM program near the TV with an indoor antenna, move the player away from the TV.
CD Player	• The CD does not play.	• Make sure the disc compartment is closed. • Place the CD with the label facing up. • Clean the CD, *p. 18.* • Take out the CD and leave the disc compartment open for about an hour to dry moisture condensation. • Make sure the CD button is pressed to CD.
	• The sound drops out.	• Reduce the volume. • Clean the CD, or replace it if the CD is badly damaged. • Place the player in a location free from vibration.
Tape Player	• The tape does not move when you press an operation button.	• Close the cassette compartment.
	• The ● REC button does not function.	• Make sure the safety tab of the cassette is in place, *p. 15.* • Make sure the TAPE button is pressed.
	• The tape does not erase completely.	• Clean the erasing heads. • Replace all the batteries with new ones if they are weak, *p. 7.*
	• The tape does not record (dubbing).	• Make sure the tape is inserted properly. • Make sure the safety tab of the cassette in deck B is in place, *p. 15.*
	• The audio is weak. • The audio quality is poor.	• Clean the heads, pinch rollers and capstans, *p. 18.* • Demagnetize the heads using a demagnetizer, *p. 18.*
Remote Commander	• The remote commander does not function.	• Replace all the batteries in the remote commander with new ones if they are weak, *p. 7.* • Make sure you are pointing the remote commander at the remote sensor on the deck. • Remove any obstacles in the path of the remote commander and the player. • Make sure the remote sensor is not exposed to strong light such as direct sunlight or fluorescent lamp light. • Move closer to the deck when using the remote commander.

Sony Corporation Printed in Korea